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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/770,682	01/29/2001	Nils B. Lahr	39502A	5437

22206 7590 05/27/2004

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EXAMINER

ISMAIL, SHAWKI SAIF

ART UNIT	PAPER NUMBER
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2155

DATE MAILED: 05/27/2004

9

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

**Application No.**

09/770,682

**Applicant(s)**

LAHR, NILS B.

**Examiner**

Shawki S Ismail

**Art Unit**

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☐ Responsive to communication(s) filed on \_\_\_\_.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-5 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-5 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 01/29/01 is/are: a) ☐ accepted or b) ☒ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
- 1) ☐ Certified copies of the priority documents have been received.
  - 2) ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_.
  - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date <u>06/0801</u> . | 6) <input type="checkbox"/> Other: ____.  |

### **Detailed Office Action**

1. Claims 1-5 are presented for examination.

The references in IDS, paper No. 4 and 8, have been considered.

### ***Drawings***

2. The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: "27" and "29" are not found in Fig. 1 of the drawings as discloses on page 1 col. 2 – page 2 col. 1, par. [0017] and [0018]. A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application. The objection to the drawings will not be held in abeyance.

### ***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 1-5 are rejected under 35 U.S.C. 103(a) as being unpatentable over **Agraharam et al.**, U.S. Patent No. 6,035,339 and further in view of **Siow et al.**, U.S. Patent No. 6,301,590.

5. As to claim 1, Agraharam teaches A method for processing client media requests in a content distribution network comprising the steps of:

preparing media for delivery via said content distribution system by storing multiple formats (col. 4, lines 44-57) of said media.

accepting a connection initiated by a client device (col. 5, lines 13-17);

analyzing a resource request from the client device (col. 5, lines 18-26);

determining the type of media player used by said client device from auxiliary information transmitted with said resource request (col. 5, lines 18-26); and

generating a response to said resource request substantially in real-time

providing information for obtaining the requested resource in one of said multiple formats corresponding to said type of media player (col.6, lines 42-51).

Agraharam does not explicitly teach applying a uniform Resource locator common to said multiple format.

Siow teaches A web browser allows a web client to request a particular web page from a web site by specifying a Uniform Resource locator (col. 1, lines 27-35).

It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the inventions of Agraharam and Siow to incorporate a common URL common to multiple formats because doing so will allow a user access to different formats using the web (col. 10, lines 28-32, Siow).

6. As to claim 2, Agraharam teaches the invention as disclosed in claim 1; processing client media requests in a content distribution network comprising the steps of:

preparing media for delivery via said content distribution system by storing multiple formats of said media.

accepting a connection initiated by a client device;

analyzing a resource request from the client device ;

determining the type of media player used by said client device from auxiliary information transmitted with said resource request; and

generating a response to said resource request substantially in real-time providing information for obtaining the requested resource in one of said multiple formats corresponding to said type of media player.

Agraharam does not explicitly teach that the generating step comprises of instruction for the client device to reconnect directly to a server supporting the type of media player indicated in the resource request using the uniform resource locator.

Siow teaches storing the formatted data in an HTML store and sending a URL for the HTML store to the web browser and instructing the web browser to use the URL to view the formatted data (col. 10, lines 28-32).

It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the inventions of Agraharam and Siow to allow the user to reconnect directly to a server supporting the type of media player indicated in the

resource request using a URL because doing so will allow a user access to different formats using the web (col. 10, lines 28-32).

7. As to claim 3, it has similar limitations of claim 2; therefore it is rejected under the same rationale.

8. As to claim 4, Agaharam teaches the inventions substantially as disclosed above; however, Agraharam does not disclose that the redirecting step mentioned in claim 3 uses a proxy server.

Siow teaches a proxy agent that receives requests from the web browser and routes the request to numerous Java servers on the network (col. 7, lines 33-44).

It would have been obvious to one of ordinary skill in the art at the time of the invention to combine the inventions of Agraharam and Siow to incorporate a proxy server for the redirecting step. A proxy server can improve performance by supporting frequently requested data and can filter and discard requests that the user does not consider relevant.

9. As to claim 5, Agraharam teaches the invention as explained above and further teaches that the accepting step, analyzing step, determining step and the generating step are performed by a server. The client is requesting information over a network; therefore, it is inherent that a server be available to handle such requests.

**Conclusion**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Shawki S Ismail whose telephone number is 703-605-4362. The examiner can normally be reached on M-F 8:30 - 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain Alam can be reached on 703-306-6662. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

SSI  
May 14, 2004

  
**HOSAIN ALAM**  
**SUPERVISORY PATENT EXAMINER**